

Converting Colors

Hex(1EF00F)

Have a look what the booklet for
Hex(1EF00F) contains.

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Color

Hex(1EF00F)

Conversions

Conversions Part 1

Format	Color
Hex	1EF00F
RGB	30, 240, 15
RGB Percent	12%, 94%, 6%
CMY	0.8824, 0.0588, 0.9412
CMYK	0.88, 0.00, 0.94, 0.06
HSL	116°, 88%, 50%
HSV	116°, 94%, 94%
XYZ	31.7817, 62.6307, 10.8658
YIQ	151.5600, -52.9350, -114.4950

Conversions

Conversions Part 2

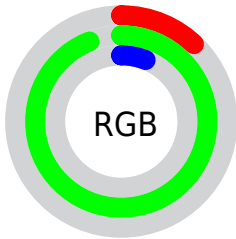
Format	Color
RYB	15, 240, 225
Decimal	2027535
CIELab	83.25, -80.75, 78.35
CIELCh	83, 112.512, 135.864
Yxy	62.6307, 0.3019, 0.5949
Android (android.graphics.Color)	4280217615 (0xFF1EF00F)
YUV	151.5600, -67.3241, -106.6081
Hunter-Lab	79.1396, -66.8102, 47.2572

Details

The Hex color **1EF00F** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **E10FF0**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **7AFF5D**, and **00B600** is the 20% darker color. If you saturate the color by 10%, you get **10F000**, and if you desaturate by 10%, it is **34F027**.

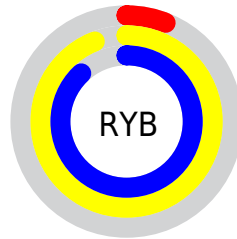
Distribution



Red (12%)

Green (94%)

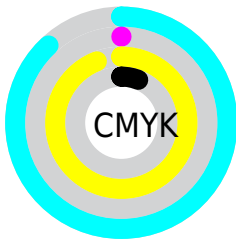
Blue (6%)



Red (6%)

Yellow (94%)

Blue (88%)

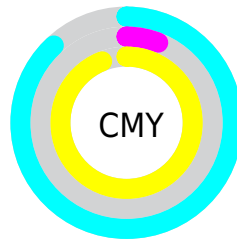


Cyan (88%)

Magenta (0%)

Yellow (94%)

Black (6%)



Cyan (88%)

Magenta (6%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EF00F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1EF00F by changing the saturation by 10% instead.

 1EF00F

 1EF00F

FFFFFF

 00D300

 7AFF5D

 00B600

 9CFF7B

 009A00

 BDFF98

 007F00

 DDFFB6

 006400

 FDFFD3

 004A00

 FFFFF1

 003000

 001300

 000000

 1EF00F

 1EF00F

 10F000

 34F027

 4BF03F

 61F057

 78F06F

 8EF087

 A4F09F

 BBF0B7

 D1F0CF

 E8F0E7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C6DC00



1EF00F



00FA98

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1EF00F



00EAFB



FF439D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1EF00F



E10FF0

Split Complementary

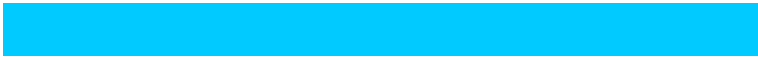
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF4FFF



1EF00F



00CAFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1EF00F



00F9FF



FF93FF



FF8233

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1EF00F



00FCE2



FF93FF



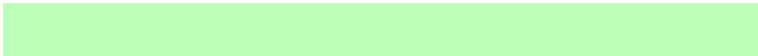
FF38BF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1EF00F



BCFFB8



F0E10F



578054



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1EF00F



11FF00



0FF071



6D786C



0CB800



043800

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E10FF0



EE00FF



F00F8E



776C78



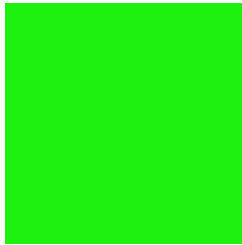
AB00B8



340038

Previews

White Background



This preview shows how the Hex color 1E000F looks on a white background.

Color Contrast Check

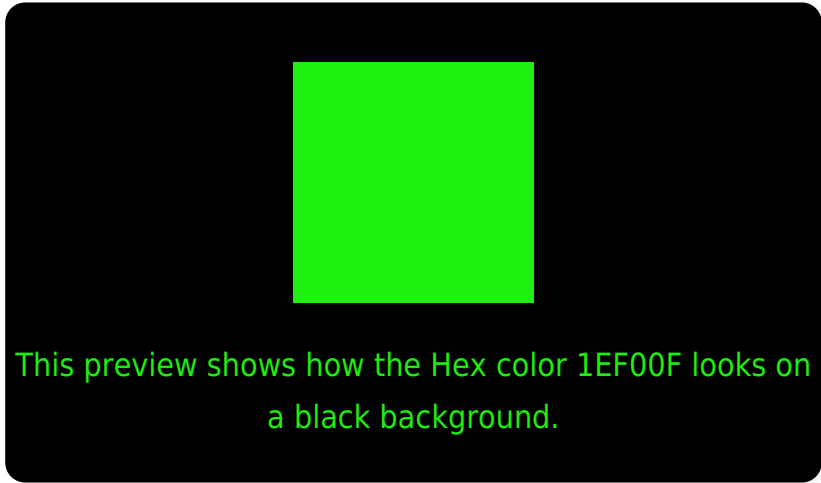
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

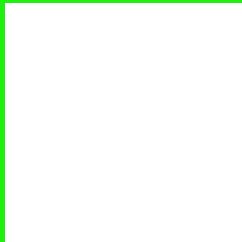
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1EF00F Background



This preview shows how black text looks on a background with the Hex color 1EF00F.

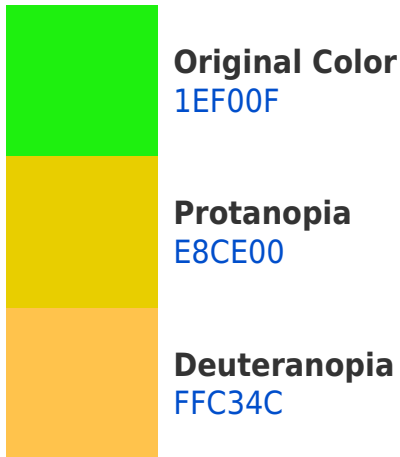


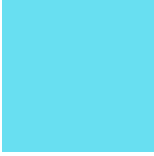
This preview shows how white text looks on a background with the Hex color 1EF00F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

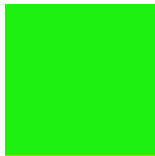
Dichromacy





Tritanopia
68DFF1

Trichromacy



Original Color
1EF00F



Protanomaly
9FDA05

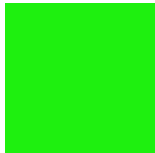


Deuteranomaly
ADD336



Tritanomaly
4DE59F

Monochromacy



Original Color
1EF00F



Achromatopsia
989898



Achromatomaly
6CB866

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EF00F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1EF00F looks like.

```
.text, #text, p{  
    color:#1EF00F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1EF00F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EF00F
}
```

Border

The CSS property to change the border of an element to Hex 1EF00F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

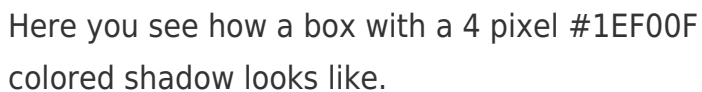
```
.border, #border, table{ border:4px solid
#1EF00F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1EF00F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1EF00F colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EF00F; -webkit-box-shadow:4px 4px  
4px 4px #1EF00F; box-shadow:4px 4px 4px  
4px #1EF00F }
```

Background

The CSS property to change the background color of an element to Hex 1EF00F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EF00F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1EF00F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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